

REFLECTIVE SPLITTING PASSIVE OPTICAL NETWORK**Abstract of the Disclosure**

5 A splitter for use in an optical network, the splitter being connectable to at least
one optical line terminal and at least two optical network units. The splitter is arranged
to communicate with the optical network units via a first communication channel and to
communicate with the optical network units via a separate second communication
channel for each optical network unit. The splitter passes through all communication
signals received from the optical line terminal to all the optical network units. The
10 splitter also passes through all communication signals received from the optical
network units to the optical line terminal and reflects those signals to all optical network
units.